

1. (Currently Amended) A method for producing ~~a target substance~~an L-amino acid, comprising:

A) culturing ~~an Escherichia coli strain~~a bacterium belonging to the genus Escherichia or a coryneform bacterium in a medium; and

B) collecting said ~~substance~~L-amino acid from said medium,

wherein the ~~Escherichia coli strain~~bacterium has an ability to produce and accumulate the ~~target substance~~L-amino acid in the medium and has been modified so to have a characteristic selected from the group consisting of: (i) enhanced activity of an enzyme selected from the group consisting of cytochrome bo-type oxidase and NDH-I, wherein said activity is enhanced by a method selected from the group consisting of \_\_\_\_\_ i) increasing the copy number of a gene coding for said oxidase, or \_\_\_\_\_ ii) by modifying an expression regulatory sequence of said gene, and \_\_\_\_\_ iii) combinations thereof;

(ii) deficient activity of an enzyme selected from the group consisting of cytochrome bd type oxidase and NDH-II, wherein said activity is made deficient by disrupting a gene coding for said enzyme, and

(iii) combinations thereof,

wherein the target substance is selected from the group consisting of an L-amino acid and a nucleic acid.

2 - 5. (Canceled).

6. (Currently Amended) The method according to Claim 1, wherein said ~~strain bacterium~~bacterium comprises enhanced cytochrome bo-type oxidase activity and has been further modified to be deficient in NDH-II activity by disruption of a gene coding for said NDH-II.

7-11. (Canceled).

12. (Currently amended) The method according to claim 1, wherein said ~~target substance~~ L-amino acid is L-lysine.

13. (Currently amended) The method according to claim 1, wherein said ~~target substance~~ L-amino acid is L-threonine.

14. (Currently amended) The method according to claim 1, wherein said ~~target substance~~ L-amino acid is L-phenylalanine.

15. (New) The method according to claim 1, wherein said cytochrome bo type oxidase is encoded by cyo operon.

16. (New) The method according to claim 1, wherein said bacterium is *Escherichia coli*.

17. (New) The method according to claim 1, wherein said bacterium is *Corynebacterium glutamicum*.